

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,187,438 B2
APPLICATION NO. : 10/050776
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INVENTOR(S) : Hamamatsu et al.

Page 1 of 1

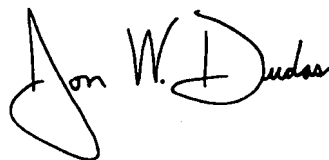
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On Title Page

Item (73) Assignees: Hitachi, Ltd., Tokyo (JP) and Hitachi High Technologies Corporation, Tokyo (JP)

Signed and Sealed this

Seventh Day of August, 2007

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized, with a large loop for the "J" and a cursive "Dudas".

JON W. DUDAS
Director of the United States Patent and Trademark Office